

FORM PTO-1449 (REV. 7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 500441.04		APPLICATION NO. Not yet assigned	
INFORMATION DISCLOSURE STATEMENT <i>(Use several sheets if necessary)</i>				APPLICANT(S) Judson R. Sharples et al.			
				FILING DATE Concurrently herewith		GROUP ART UNIT Not yet assigned	

U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
AD	AA	3,638,366	02/01/72	Gamache	51	326	
	AB	3,841,031	10/15/74	Walsh	51	283	
	AC	3,957,553	05/18/76	Smith	156	22	
	AD	4,638,553	01/27/87	Nilarp	29	580	
	AE	4,879,258	11/07/89	Fisher	437	225	
	AF	4,903,440	02/27/90	Larson et al.	51	298	
	AG	4,910,155	03/20/90	Cote et al.	437	8	
	AH	4,927,432	05/22/90	Budinger et al.	51	298	
	AI	4,954,141	09/04/90	Takiyama et al.	51	296	
	AJ	4,954,142	09/04/90	Carr et al.	51	309	
	AK	4,962,776	10/16/90	Liu et al.	134	11	
	AL	4,973,563	11/27/90	Prigge et al.	437	225	
	AM	4,992,135	02/12/91	Doan	156	636	
	AN	5,174,816	12/29/92	Aoyama et al.	106	203	
	AO	5,209,816	05/11/93	Yu et al.	156	636	
	AP	5,262,354	11/16/93	Cote et al.	437	195	
	AQ	5,300,155	04/05/94	Sandhu et al.	148	33	
	AR	5,318,927	06/07/94	Sandhu et al.	437	225	
	AS	5,335,453	08/09/94	Baldy et al.	51	67	
	AT	5,340,370	08/23/94	Cadien et al.	51	308	
AU	5,354,490	10/11/94	Yu et al.	252	79.1		
AV	5,389,194	02/14/95	Rostoker et al.	156	636		
V	AW	5,391,258	02/21/95	Brancaleoni et al.	156	636	
AD	AX	5,397,397	03/14/95	Awad	134	1	

EXAMINER <div style="font-family: cursive; font-size: 1.5em; margin-top: 10px;">Anthony Qini</div>	DATE CONSIDERED <div style="font-family: cursive; font-size: 1.5em; margin-top: 10px;">10/7/04</div>
---	---

* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

FORM PTO-1449 (REV. 7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 500441.04		APPLICATION NO. Not yet assigned	
INFORMATION DISCLOSURE STATEMENT <i>(Use several sheets if necessary)</i>				APPLICANT(S) Judson R. Sharples et al.			
				FILING DATE Concurrently herewith		GROUP ART UNIT Not yet assigned	

U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>AD</i>	BA	5,543,312	09/26/95	Haas et al.	428	143	
	BB	5,456,627	10/10/95	Jackson et al.	451	11	
	BC	5,482,497	01/09/96	Gonnella et al.	451	57	
	BD	5,492,858	02/20/96	Bose et al.	437	67	
	BE	5,551,986	09/03/96	Jain	134	6	
	BF	5,575,885	11/19/96	Hirabayashi et al.	156	626.1	
	BG	5,578,362	11/26/96	Reinhardt et al.	428	147	
	BH	5,578,523	11/26/96	Fiordalice et al.	437	190	
	BI	5,624,303	04/29/97	Robinson	451	285	
	BJ	5,643,044	07/01/97	Lund	451	5	
	BK	5,645,682	07/08/97	Skrovan	451	56x	
	BL	5,679,169	10/21/97	Gonzales et al.	134	1.3	
	BM	5,692,950	12/02/97	Rutherford et al.	451	552	
	BN	5,707,492	01/13/98	Stager et al.	156	645.1	
	BO	5,759,427	06/02/98	Cibulsky et al.	216	91	
	BP	5,782,675	07/21/98	Southwick	451	56	
	BQ	5,894,852	04/20/99	Gonzales et al.	134	1.3	
	BR	5,879,226	03/09/99	Robinson	451	287	
	BS	5,938,505	08/17/99	Morrison et al.	451	36	
	BT	5,972,792	10/26/99	Hudson	438	691	
	BU	6,028,006	02/22/00	Bawa et al.	438	692	
<i>AD</i>	BV	6,054,015	04/25/00	Brunelli et al.	156	345	
<i>AD</i>	BW	6,060,396	05/09/00	Fukami et al.	438	693	

EXAMINER <div style="font-size: 1.5em; font-family: cursive; margin-top: 10px;">Anthony Ajini</div>	DATE CONSIDERED <div style="font-size: 1.5em; font-family: cursive; margin-top: 10px;">10/7/04</div>
--	---

* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

FORM PTO-1449 (REV. 7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 500441.04		APPLICATION NO. Not yet assigned	
INFORMATION DISCLOSURE STATEMENT <i>(Use several sheets if necessary)</i>				APPLICANT(S) Judson R. Sharples et al.			
				FILING DATE Concurrently herewith		GROUP ART UNIT Not yet assigned	

U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
AD	CA	6,220,934	04/24/01	Sharples et al.	451	36	
AD	CB	6,368,194	04/09/02	Sharples et al.	451	67	
	CC						
	CD						
	CE						
	CF						
	CG						
	CH						
	CI						
	CJ						

FOREIGN PATENT DOCUMENTS							
DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION		
					YES	NO	
AD	CK	EP0685299A1	12/06/95	EP	B24B	37/04	X
	CL	JP408064562A	03/08/96	Japan	H01L	21/304	X
	CM	EP0708160A2	04/24/96	EP	C09G	1/02	X
	CN	JP08112740A	05/07/96	Japan (English Abstract)	B24B	1/00	X
AD	CO	WO96/16436	05/30/96	PCT	H01L	21/3105	X

OTHER PRIOR ART <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>	
AD	CP Uematsu et al., "Efficient Mechanochemical Polishing for Silicon Nitride Ceramics", <i>NIST Spec. Publ.</i> 847, (Machining of Advanced Materials): 409-413, 1993
	CQ

EXAMINER Anthony Qini	DATE CONSIDERED 10/7/04
---------------------------------	-----------------------------------

* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).